

Biology Unit 7: The Human Body
The Respiratory System

Name _____

Date _____ Per _____

The major role of the respiratory system is _____. The main gases exchanged are _____ and _____.

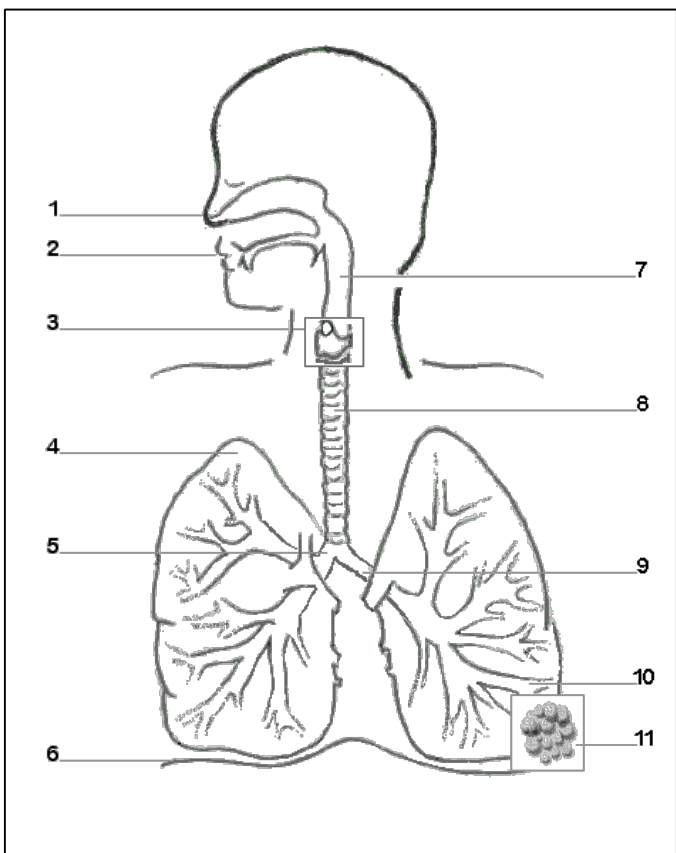
- _____ travels into the body.
- _____ travels out of the body.

There are two main components of the respiratory system--_____ and _____ respiration.

- Internal respiration: _____
- External respiration: _____

Respiratory Organs: Label each numbered line on the diagram to the right AND explain the function of each structure in the table to the left.

Mouth or Nose
Nasal Cavity
Pharynx
Trachea
Bronchi
Bronchioles
Alveoli



For each process below, explain the steps involved.

Inspiration

Expiration

The Circulatory System

Blood Vessels:

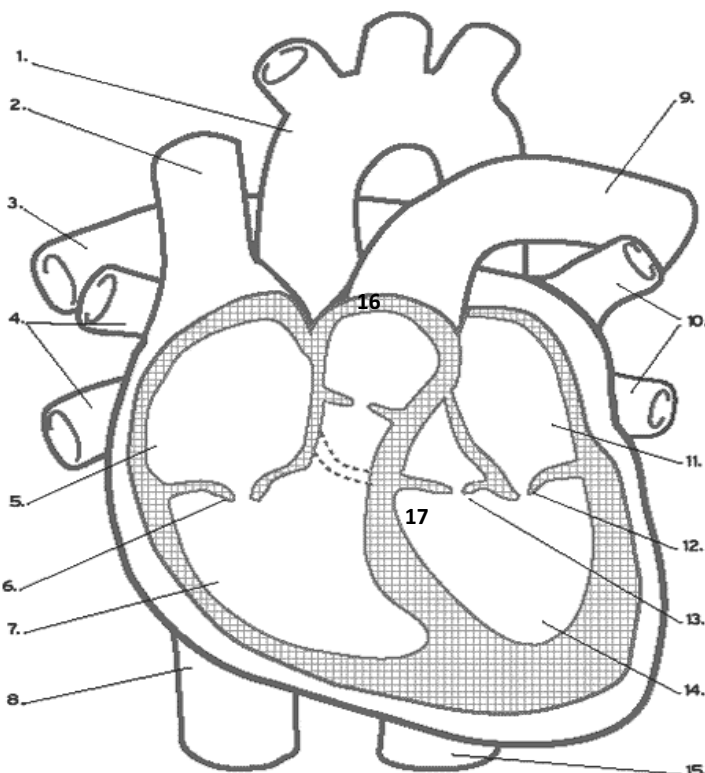
	Move blood away from or towards the ♥?	Carry oxygenated or deoxygenated blood?	High or low pressure?
ARTERIES			
VEINS			
CAPILLARIES			

What one artery carries deoxygenated blood?

Why do veins have valves?

Describe how cells pass through capillaries.

Heart Anatomy:



Match the number on the diagram with the label from the word bank.

- | | |
|-----------------------|-----------------|
| Superior Vena Cava | Right Atrium |
| Inferior Vena Cava | Aorta |
| Right Ventricle | Pulmonary Vein |
| Pulmonary Artery | Septum |
| Bicuspid/Mitral Valve | Tricuspid Valve |
| Left Atrium | |
| Left Ventricle | Pulmonary Valve |
| Aortic Valve | |

Trace the pathway of blood on the diagram above. Blue=Deoxygenated
Red=Oxygenated.

NOTE: 4 & 10, 3 & 9, and 1 & 15 have the same labels.

